

Contents

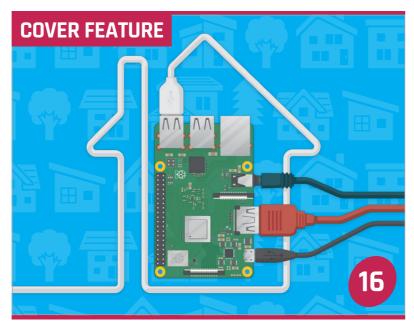
Issue 70 June 2018

raspberrypi.org/magpi

TUTORIALS

- > PI 101: REMOTE ACCESS VIA SSH **36** Connect to your Pi remotely using SSH
- > MAKE A MAGNETIC THEREMIN **38**Use a magnetic bounce controller to make eerie music
- > BUILD A TWEETING BABBAGE 44
 The Raspberry Pi bear can become a tweeting machine
- > REMOTE CONTROL MINECRAFT **50**Use tmux to access and maintain a Minecraft server
- > CREATE ANALYSIS GRAPHS
 Analyse robot performance data the easy way
- > MAKE GAMES IN C PART 6

 Speed up the game you've built so far



DIY SMART HOME

IN THE NEWS







Some of the tools and techniques shown in The MagPi magazine are dangerous unless used with skill, experience, and appropriate personal protection equipment. While we attempt to guide the reader, ultimately you are responsible for your own safety and understanding the limits of yourself and your equipment. Children should be supervised. Raspberry Pi (Trading) Ltd does not accept responsibility for any injuries, damage to equipment, or costs incurred from projects, tutorials or suggestions in The MagPi magazine. Laws and regulations covering many of the topics in The MagPi magazine are different between countries, and are always subject to change. You are responsible for understanding the requirements in your jurisdiction and ensuring that you comply with them. Some manufacturers place limits on the use of their hardware which some projects or suggestions in The MagPi magazine may go beyond. It is your responsibility to understand the manufacturer's limits.







TESLONDA

Half Honda, half Tesla, all Pi-powered



REGULARS

> NEWS	06
> TECHNICAL FAQ	58
> BOOK REVIEWS	80
> FINAL WORD	98

DD V ZII I V VI V DAL IVIALDI VILLIVI

COMMUNITY

> YOUR LETTERS Excellent answers to wonderful questions	94
> EVENTS What events are happening this month	92
> CHRIS AVILES PROFILE We talk to the teched-up teacher	90
> THE MONTH IN RASPBERRY PI Big events galore this month in Pi!	86
> BRAZILIAIN ART IINTERVIEW Felipe uses the Pi to make art, and more, in Brazil	84

REVIEWS

> WEATHER STATION KIT	7
> SUPER TINYTENDO CASE	7
> DIDDYBORG V2	7
> HACKABLE PI SWITCH CAP	7
> ASTROBOX TOUCH	7

4 | MadPi June 2018 | June 201